



Warren C. Evans
Wayne County Executive

January 31, 2019

United States Environmental Protection Agency
FY 2019 USEPA Brownfield Assessment Grants
RFP No.: EPA-OLEM-OBLR-18-06

RE: Berrien County Brownfield Redevelopment Coalition
Narrative Information Sheet

To Whom it May Concern:

The Detroit-Wayne County Brownfield Assessment Coalition is submitting the enclosed application for a U.S. EPA Brownfields Assessment Coalition Grant - \$450,000 for Hazardous Substances and \$150,000 for Petroleum funds for activities at brownfield sites in the City of Detroit and Wayne County. The Coalition is comprised of the Wayne County Brownfield Redevelopment Authority (the lead member), the Detroit Brownfield Redevelopment Authority, and the Detroit-Wayne County Port Authority. The Wayne County Brownfield Redevelopment Authority is a redevelopment authority created by the state statute and is therefore considered an eligible entity for this grant. Our partners in the Coalition are also eligible entities and have successfully managed prior EPA grants.

The target area consists of underutilized and contaminated properties within southwest Detroit and Wayne County. As demonstrated during 2013 EPA Brownfield Coalition Grant, the Coalition has shown its ability to successfully manage these grants. As a result of the Coalition's partnerships and community outreach initiatives, over 50 applications, mostly from private developers, were received by the Coalition, of which 27 were funded. The large amount of funding requests is a testament of the success of the Coalition's brownfield assessment program and clearly demonstrates that more funding is needed. The Coalition is pleased to provide the applicant information for this grant:

1. **Applicant**

Address:	Detroit-Wayne County Brownfield Assessment Coalition
	500 Griswold, 28 th Floor
	Detroit, Michigan 48226
Phone:	(313) 224-8269
Website:	www.waynecounty.com
2. **Funding Requested:**

i.	Assessment Grant Type:	Coalition
ii.	Federal Funds Requested:	\$600,000
iii.	Contamination:	Hazardous Substances (\$450,000)

WAYNE COUNTY
ECONOMIC DEVELOPMENT CORPORATION
500 Griswold Street, 28th Floor
Detroit, Michigan 48226
www.waynecounty.com

Petroleum Substances (\$150,000)

3. **Location:**

Wayne County, Michigan

4. **Site Specific Proposal:**

Not Applicable

5. **Contacts:**

a. **Project Director:**

Khalil Rahal, Executive Director
Wayne County Brownfield Redevelopment Authority
500 Griswold, 28th Floor
Detroit, Michigan 48226
Phone: (313) 224-8269
Email: krahal@waynecounty.com

b. **Highest Ranking
Elected Official:**

Warren Evans
Wayne County Executive
500 Griswold, 31st Floor
Detroit, Michigan 48226
Phone: (313) 224-8269
Email: dkorth@waynecounty.com

6. **Population:**

- i. The population of Wayne County is 1,763,822 (2017).
Targeted Community population is 17,585 (2016).

7. **Other Factors Checklist:**

Other Factors	Page #
Community population is 10,000 or less.	
The applicant is, or will assist, a federally recognized Indian tribe or United States territory.	
The priority brownfield site(s) is impacted by mine-scarred land.	
The priority site(s) is adjacent to a body of water (i.e., the border of the priority site(s) is contiguous or partially contiguous to the body of water, or would be contiguous or partially contiguous with a body of water but for a street, road, or other public thoroughfare separating them).	1
The priority site(s) is in a federally designated flood plain.	1
The redevelopment of the priority site(s) will facilitate renewable energy from wind, solar, or geothermal energy; or any energy efficiency improvement projects.	

The Coalition welcomes the opportunity to work with the USEPA on its brownfield initiative. Thank you for your time and consideration.

Sincerely,

Khalil Rahal, Executive Director
Wayne County Brownfield Redevelopment Authority



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF ENVIRONMENTAL QUALITY
LANSING



LIESL EICHLER CLARK
DIRECTOR

January 9, 2019

Mr. Khalil Rahal
Director
Wayne County Brownfield Redevelopment Authority
500 Griswold Street, 28th Floor
Detroit, Michigan 48226

Dear: Mr. Rahal:

SUBJECT: Michigan Department of Environmental Quality (MDEQ) Acknowledgment of a
United States Environmental Protection Agency (U.S. EPA) Brownfield Assessment
Grant Proposal for 2019

Thank you for your notice and request for a letter of acknowledgment for the Wayne County Coalition's proposal to the U.S. EPA Brownfield Grant Program. The MDEQ, Remediation and Redevelopment Division (RRD), encourages and supports community-led assessment and redevelopment efforts. The RRD recognizes the county's and their coalition member's need for assessment funding and is supportive of your proposed project.

The Wayne County Coalition is applying for a combined \$600,000 hazardous substances and petroleum assessment grant which could be used to conduct assessment activities at eligible brownfield sites and facilitate redevelopment. Both the city of Detroit and Wayne County are general purpose units of local government which are operating as a coalition with Wayne County as the lead applicant.

Should the U.S. EPA award a brownfield grant to the Wayne County Coalition, it would stimulate redevelopment and reuse of underutilized and contaminated properties and improve the economic development and environmental conditions in Detroit and other parts of Wayne County. If you need further information or assistance regarding specific brownfield sites, or any of the MDEQ's brownfield programs, please feel free to contact me at the number below or by email at smedley@michigan.gov.

Sincerely,

Ronald L. Smedley
Brownfield Redevelopment Coordinator
Remediation and Redevelopment Division
517-284-5153

cc: Mr. Matt Didier, U.S. EPA Region 5

Application for FY19 USEPA Brownfields Coalition Assessment Grant
Detroit-Wayne County Brownfield Assessment Coalition
500 Griswold, 28th Floor, Detroit, Michigan 48226

1. Project Area Description and Plans for Revitalization

a. Target Area and Brownfields

i. Background and Description of Target Area

The target area is in southeast Michigan along the Detroit River and includes the contiguous areas of the Delray neighborhood and 48217 zip-code of Southwest Detroit and the City of River Rouge. The area was an intermodal transport hub between the 1930's and 1950's, with rail, port, and freeway access, as well as an international crossing into Canada that supports one of the busiest border crossings in North America. With construction of the interstate highway system and increase of suburban development in the 1960s, the area became isolated from the City of Detroit causing the relocation of many area residents. Following the 2008 Great Recession and the bankruptcy of two of the nation's top three automakers, southeast Michigan lost more than 40% of its manufacturing jobs, leading to staggering unemployment rates, property foreclosures, building vacancies, and plummeting property values and tax revenues. In Detroit alone, there are approximately 380,000 vacant properties, of which 114,000 have been razed and another 80,000 in need of demolition, prompting Wayne County to hold one of the world's largest real estate auctions, offering about 20,000 foreclosed properties each year. Despite these challenges, several competitive advantages that are attractive for new development within the target area remain. They include access to a world-class transportation network of roads, rail and waterways; frontage along the Detroit River; proximity to an international bridge crossing; and access to Canadian markets. Private investors have been showing interest in the area but are reluctant to invest in properties with suspected environmental contamination.

ii. Description of the Priority Brownfield Site(s)

The target area brownfields are a byproduct of an industrial legacy that supported the steel and automotive industries. The decline of the manufacturing sector has left many abandoned industrial facilities that have created blighted structures contaminated by carcinogenic metals, petroleum refining byproducts, and lead and asbestos-containing building materials. Funding from this grant will be used to conduct environmental assessments that will allow developers to determine the costs of properly managing, mitigating, or cleaning up these sites for redevelopment. As such, the Coalition has identified the following focus areas within the target area where an abundance of brownfield sites having a high redevelopment potential exist. Except for the Ford Mobility Campus, all these focus areas are partially located within a federally designated floodplain.

Detroit Consolidated Port District (Delray) – Currently operating a 34-acre port facility to transport more than 360,000 tons of cargo per year, the Detroit-Wayne County Port Authority (DWCPA) is forced to refuse cargo during peak times when the terminal's capacity is exceeded. According to the U.S. Department of State, the U.S. and Canada has the largest bilateral trading partnership in the world, estimated to be worth \$120 billion annually, with approximately \$30 billion being transported by truck. To meet the transportation demands associated with a projected 250% growth in commerce between the U.S. and Canada over the next 20 years, a second border crossing, the Gordie Howe International Bridge is currently being constructed. The location of the bridge within the target area creates a strategic advantage for economic growth in the light manufacturing, logistics, and transportation industries, which is estimated to deliver an additional \$2 billion of investment from both the public and private sectors.

In anticipation of increased demand for cargo transportation, there is a critical need to expand the port. To that end, preparation for port expansion is already underway through private investment. Although there have been some land acquisitions in the port area by private investors, additional land acquisitions are expected to continue as these companies seek to accommodate an increasing demand for logistics, cargo storage, and warehousing. The creation of a Detroit Consolidated Port District (DCPD) will allow these entities to cooperatively address capacity concerns by providing a cost-sharing vehicle that would allow the sharing of assets to expand Detroit's port capabilities. Aside from conducting environmental site assessments, assessment

funding would be used to create a brownfield plan that will enable the use of tax increment financing that enables the capture of tax revenues through Michigan's Brownfield Act, which allows the developers to be reimbursed for eligible infrastructure improvements and environmental remediation activities.

River Rouge and Southwest Detroit Brownfield Area-wide Planning Area – Located less than a mile from the Gordie Howe International Bridge at the confluence of the Rouge and Detroit Rivers, the decommissioning of the DTE Rouge River Power Plant in 2020 presents an opportunity to dramatically reduce socio-economic, public health, and environmental concerns. However, these positive impacts are offset by the anticipated loss of jobs and tax revenue. Recognizing the need for a comprehensive brownfield redevelopment strategy that incorporates existing planning efforts within the target area communities, USEPA awarded a Brownfield Area-wide Planning grant to Wayne County in 2016. Expected to be completed in fall 2019, the goal of the AWP is to develop a blueprint to attract economically sustainable clean industries to the target area of the City of River Rouge and the 48217 zip-code of southwest Detroit and re-establish them as a community of choice. By researching existing planning initiatives, conducting market analysis, and engaging the community, four high priority brownfield sites, all of which potentially have subsurface contamination issues, have been identified for redevelopment. The redevelopment vision for these sites address specific community needs, such as health care, grocery, recreation, and restaurants. Although DTE is currently evaluating viable reuse options for the power plant site, they have partnered with Wayne County and the City of River Rouge to devise an economically sustainable redevelopment strategy through the area-wide planning process. With the goal of maximizing the DTE power plant site's potential to attract new business opportunities that can generate new tax revenues from clean and sustainable industries, the AWP strategies will provide a valuable tool for repurposing DTE for the benefit of the community.

Ford Mobility Campus (Corktown/Delray) – In the fall of 2018, the Ford Motor Company acquired the former Michigan Central Station, an abandoned 18-story historic building in Corktown, Detroit's oldest neighborhood. At an estimated cost of \$738 million, Ford's vision is to restore the building, redevelop the surrounding area, and create a new corporate campus that is focused on developing new mobility technologies that involve autonomous vehicles. Once completed, Ford estimates approximately 2,500 Ford employees will be assigned to the location, with an additional 2,500 employees from partnership companies. The redevelopment of Michigan Central Station is a catalyst that is capable of triggering separate, smaller-scaled brownfields redevelopment projects, that will meet the projected demands for housing, mixed use retail, office space, restaurants and entertainment. With redevelopment already underway, Ford is already beginning to devise strategies to attract additional private investment to redevelop the Michigan Avenue corridor, the main thoroughfare that connects Corktown with southwest Detroit and the western suburbs, to address these projected demands. In addition, the reimagining of Michigan Ave. into a "*transportation invention corridor*" that incorporates greenspaces that link buildings with walking trails, bike paths, covered walkways, autonomous vehicles, on-demand shuttles and e-bikes, presents unique brownfield redevelopment opportunities along the section of Michigan Ave that traverses the target area.

b. Revitalization of the Target Area

i. Redevelopment Strategy and Alignment with Revitalization Plans

The assessment and eventual redevelopment of these priority brownfield sites are consistent with the redevelopment strategies from several planning initiatives, of which the Coalition and its partners are apart. Both the cities of Detroit and River Rouge are also a part of 10 communities chosen for a Target Market Analysis (TMA) under Michigan Governor Rick Snyder's Rising Tide Program, which is aimed at providing data and strategies for redeveloping brownfield sites for infill housing. Furthermore, the City of Detroit's comprehensive neighborhood planning framework identifies implementation strategies to revitalize housing stock, renovate apartment buildings to increase density, make better use of green space, add bike lanes, and increase retail. Several of these strategies are echoed in the City of River Rouge's planning initiatives that are intended to attract people and businesses that will invest in their community. These planning initiatives have similar, key components: 1) the incorporation of high-quality housing located in neighborhoods of choice, 2)

the creation of vibrant commercial corridors that incorporates walkable, human-scale environments, and 3) the revitalization of industrial areas that are well-served by water, rail and roads.

Centered around the decommissioning of the DTE River Rouge Power Plant and the construction of the Gordie Howe International Bridge, Wayne County's current brownfield area-wide planning effort focuses on identifying impactful brownfield redevelopment opportunities within the target area, formulating a community vision, devising brownfield reuse strategies, and incorporating existing planning initiatives into one comprehensive planning document. As such, the County has already completed several tasks of the AWP workplan, including the identification of four priority brownfield sites that have been targeted for redevelopment. The identified reuses for these properties reflect the goals of the AWP, address the expressed needs of the community, and are consistent with HUD's livability and equitable development principles, specifically, 1) transportation and utility improvements, 2) equitable housing and recreational opportunities, 3) waterfront access, and 4) improved economic development opportunities.

ii. Outcomes and Benefits of Redevelopment Strategy

Initial forecasts estimate the construction of the Gordie Howe International Bridge will stimulate 250% growth in commerce between the U.S. and Canada over the next 20 years, in addition to a projected investment of approximately \$2 billion from both the public and private sectors in the light manufacturing, logistics, and transportation industries. With an abundance of brownfield sites available in the target area, there is significant potential for redevelopment projects that will meet the anticipated demand for additional warehousing, storage, and transportation needs, all of which would provide new jobs and tax revenues. In addition to the bridge, the preliminary results of the River Rouge/Southwest Detroit Brownfield AWP process have determined there is a significant demand for redevelopments that address specific community needs, such as health care, grocery, recreation, and restaurants. The development of these neighborhood serving businesses can be best achieved by redeveloping existing vacant and underutilized commercial and industrial properties located in major transportation corridors of the neighborhood. It should also be noted that these market demands do not account for the eventual reuse/redevelopment of the DTE power plant site, which will likely foster additional needs for affordable housing and other mixed-use developments. The redevelopment of the Michigan Central Station in Corktown is also expected to spur additional redevelopment in the target area. Although the station is not located within the target area, its significant redevelopment directly to the east of the target area is expected to drive the demand for housing, mixed use retail, office space, restaurants and entertainment along the Michigan Avenue corridor (within the target area) as younger professionals prefer vibrant, walkable urban work environments over sterile suburban office parks.

Based on the success of the FY13 EPA Brownfield Assessment grant that was previously awarded, the Coalition also anticipates assessment funding requests for smaller projects, such as former gas stations, factories, commercial retail buildings or functionally obsolete structures. Under the FY13 grant, the Coalition was only able to fund a total of 27 projects out of nearly 60 of the requests that were received, clearly demonstrating the need for additional funds. While the Coalition will evaluate these requests on a case by case basis, preference will be given to projects that are consistent with the redevelopment strategies previously described. With the advancement of cleaner industry, the implementation of stricter environmental regulations, and the emphasis on utilizing green technologies, the redevelopment of target area brownfields has the potential to replace historically dirty jobs with cleaner, more economically sustainable jobs.

c. Strategy for Leveraging Resources

i. Resources Needed for Site Reuse

Funding from an EPA Brownfield Assessment grant is part of the foundation that reflects the aggressive posture taken by the political leadership in both Wayne County and the City of Detroit to reclaim brownfield properties by leveraging millions of dollars in private capital. As demonstrated by the Coalition's previous successes from their FY2013 Brownfield Assessment Grant, it also creates a competitive edge for priority brownfield properties by identifying and quantifying environmental issues and provides an added incentive to redevelop these properties.

The cumulative expertise of the Coalition members provides a distinct advantage at identifying and successfully leveraging additional resources for brownfield redevelopment projects. Once assessment activities have been completed, the Coalition will continue assist developers and property owners in securing additional needed sources of funding through local brownfield redevelopment funds and grants and loans from the County's revolving loan fund. The Coalition's expertise with state funded brownfield grants and initiatives also provides a distinct advantage to developers, as demonstrated by DBRA's success at securing \$3.9 million in state grants over the past two years, as well as providing assistance to developers to leverage additional funding through Michigan's Brownfield Act, which allows for the developer to pay for the completion of eligible assessment and cleanup activities and then be reimbursed via Tax Increment Financing (TIF) revenues. The TIF revenues used for reimbursement includes all local ad valorem and personal property tax mills assessed on the developer's investment. As a result of the projects completed under the FY2013 EPA grant alone, the Coalition was able to provide assistance for projects that created over 140 permanent jobs, leveraging nearly \$150 million in private investment.

ii. Use of Existing Infrastructure

The existing infrastructure provides the target area with a multitude of advantages that include, access to a world-class transportation network of roads that converge on the Detroit-Metropolitan area, rail and waterways; the immediate availability of natural gas, electricity, water and sewer; frontage along the Detroit River that includes a deep-water port; proximity to adjacent manufacturing and steel production facilities; and quick access to Canadian markets. In conjunction with these advantages, the Gordie Howe International Bridge will give the target area a unique and competitive advantage that is attractive to new development. The availability and abundance of brownfield sites within the target area creates excellent reuse potential for new, cleaner industrial redevelopment centered on the manufacturing and logistics sectors, specifically involving cargo and intermodal transport. The projected growth of these sectors is expected to have an area-wide effect on the target area and surrounding community by stimulating the local economy through the creation of sustainable 21st Century job opportunities and local business. Funding from an assessment grant would provide a competitive edge to brownfield properties by providing and incentive to redevelop properties.

2. Community Need and Community Engagement

a. Community Need

i. The Community's Need for Funding

Financial challenges in the City of Detroit and Wayne County are the result of a significant population loss associated with a declining manufacturing sector over the past several decades. During the last recession, the average housing value in Detroit dropped by more than 50 percent, leading to a record number of tax foreclosures, widespread decrease in area property values, and plummeting tax revenues. These factors eventually led to the declaration of bankruptcy by the City's state appointed emergency financial manager, which allowed federal courts to mandate debt negotiation with creditors and restructure the City's finances. In Wayne County, a financial emergency was declared, leading to a consent agreement with the State of Michigan that allowed the restructuring of a \$52 million deficit under the State's oversight.

Today, the City of Detroit and Wayne County are in better financial health. The City has emerged from bankruptcy and the balancing of Wayne County's structural deficit has allowed the State to release the County from the consent agreement. However, the City and County have not fully recovered from the last economic downturn which still presents lingering financial challenges. Adding to these challenges is the State of Michigan's chronic disinvestment in local governments, totaling \$8.1 billion since 2002. In his state of the county address, County Executive Warren Evans stated, "*Michigan ranks dead last in the funding it provides its cities, townships and counties, and is the only state whose municipal revenue has decreased over the last decade. Today, Wayne County operates with about 70% of the revenue it had less than a decade ago. During this period of time, the need for services has not decreased.*" To maintain fiscal responsibility, significant budget cuts to programs that include the brownfield program have left the City and County with no other financial alternatives to fund their brownfield programs without EPA Brownfield Assessment Grant assistance.

ii. Threats to Sensitive Populations

1. Health or Welfare of Sensitive Populations

Operations from heavy industrial activities related to power generation, coal burning, steel production, salt mining and petroleum refining present in the target area, along with a large regional wastewater treatment facility, has given the target area the notoriety of being Michigan's most polluted zip code. Environmental burdens and sustained economic decline have led to a significant increase in vacant and under-utilized brownfield sites that have impacted soil, water, and air. Health statistics published from Health County Ranking and Roadmaps (www.countyhealthrankings.org), suggest that a correlation exists between the presence and abundance of environmentally contaminated brownfield sites and Wayne County's poor public health rating. In all of Michigan's 83 counties, Wayne County ranked last in the health rankings that account for life expectancy, quality of life, health behavior, socioeconomics, and physical environment.

2. Greater than Normal Incidence of Disease and Adverse Health Conditions

Studies conducted by the Michigan Department of Health and Human Services (MDHHS) have correlated an increased risk of cancer to the contaminants suspected to be present on target area brownfield sites. These contaminants are linked to increased rates of bronchitis; cancers of the brain, nervous system, bladder; cardiovascular disorders; and developmental disorders. In the 48217 zip-code alone, data collected by the Michigan Department of Community Health and the University of Michigan over the past 15 years suggest there is a 13% greater chance to be diagnosed with female breast cancer, a 22% greater chance of leukemia, and a 25% greater chance of lung cancer compared to state averages. There are substantially higher rates of asthma and other respiratory diseases among the target area communities, especially among children. In March 2016, the Michigan Department of Community Health reported that asthma rates among Detroit adults are 50% higher than the state average, causing asthma related hospitalizations to be three times greater than the state average, with hospitalization occurring 50% more often among children. Within the target area, the average asthma rate (26.4 per 10,000 people) is more than double the state average.

Lead poisoning also continues to affect children within the City of Detroit. In a study conducted by the former Detroit Department of Health and Wellness Promotion and Detroit Public Schools, it was determined that 58% of the 40,000 students tested had elevated blood lead levels, with 4% of the students exceeding federal lead poisoning standards. Detroit children accounted for more than half of the state's total lead poisoning cases and have a rate of lead poisoning that is more than ten times the national average. Elevated blood lead levels have been correlated to learning deficiencies, antisocial behavior and neuro-development disorders in young children. The long-term emissions of lead dust from industrial operations and dust that has settled in the soil surrounding these sites is a direct exposure pathway for both adults and children.

3. Economically Impoverished/Disproportionately Impacted Populations

After peaking around 1970, the economic output of the region's manufacturing industry has declined due to the increased cost of fuel, competition from foreign markets, automation, the relocation of manufacturing facilities outside of the region, and rising legacy costs associated with the employment of skilled labor. The effect of this decline was further exacerbated by the Great Recession and subsequent bankruptcies of General Motors and Chrysler, two of the region's largest employers. In 2003, the Bureau of Labor Statistics reported that there were approximately 116,200 manufacturing-based jobs within the Detroit Metropolitan area. In 2010, the number of manufacturing jobs had fallen to 69,400 - a decrease of over 40% over the period. As a result, the loss of jobs has created a population within the target area that is comprised of residents earning a yearly income at or below the poverty line. In addition, the demographic data provided by the US Census clearly indicates that the target area community consists of an economically impoverished and disproportionally impacted population. Comprised of a minority population that exceeds 79%, the target area unemployment rate is 23.2%, over triple the rate of the State. Averages for household income and per capita income are approximately half of the County's, which are approximately 15% less than the State's average with over 42% of the families within the target area have incomes at or below the poverty line, compared to the state's average of 11%.

b. Community Engagement

i. Community Involvement

The Coalition will continue to rely on the Technical Advisory Committee (TAC) that was formed under the Brownfield Area-wide planning grant as means to engage the community, identify and prioritize brownfield

sites for assessments, and aid with cleanup and redevelopment planning. Members of this committee are comprised of group of area stakeholders that include area non-profit groups, community organizations, state, county and local agencies, economic development corporations, and local business owners. Their expertise played an integral role in the planning process by advising the project team on key elements of the AWP, as well as recommending actionable implementation strategies.

The Coalition will evaluate brownfield sites for assessment funding as they are identified through the site selection process. Each project will be evaluated for feasibility and viability to ensure the desired outcomes, described previously, are achieved. Once evaluated, the project will be presented to the TAC to gauge the community's support for the project before being presented to the Coalition for final approval. At a minimum, quarterly TAC meetings will be scheduled to discuss proposed projects as necessary, provide updates on projects, and solicit feedback from the TAC members. The Coalition recognizes the EPA's mission to strengthen partnerships at the local and state levels and embraces the four working principles of the EPA's strategic plan for fostering successful partnerships that include consultation, collaboration, cooperation, and accountability. These continued partnerships will facilitate the sharing of technical solutions aimed at eliminating environmental and health risks and devising redevelopment strategies.

Partner/TAC Member	Contact	Contact Information	Role/Expertise
MDEQ-SE Michigan District	Michelle Bakun	P: (586) 233-3408 E: bakunm@michigan.gov	MI Brownfield Programs
Michigan Economic Development Corp.	Dominic Romano	E: romanod@michigan.org	Economic Development
Wayne County Community Affairs	Stephanie Cayce	E: scayce@waynecounty.com	Community Development
Detroit City Council	Raquel Castañeda-López	P: (313) 224-2450 E: councilmemberraquel@detroitmi.gov	Planning/Zoning
Detroit Economic Growth Corporation	Jennifer Kanalos	E: jkanalos@degc.org	Brownfield Redevelopment
City of Detroit Health Department	Lauren Fink	P: (313) 400-4183 E: finkl@detroitmi.gov	Public Health
City of Detroit- Ft. Wayne Estate	Tim Boscarino	P: (313) 806-4031 E: boscarinot@detroitmi.gov	Local Parks
City of River Rouge	Karl Laub	P: (313) 842-4203 E: klaub@cityofriverrouge.org	Economic Development
Southeast Michigan Council of Governments	Kevin Johnson	P: (313) 324-3323 E: johnson@semcog.org	Regional Planning
Workforce Intelligence Network	David Palmer	P: (734) 478-0736 E: David.palmer@win-semich.org	Workforce Development
Southeast Michigan Community Alliance	Ana Salazar	P: (734) 229-3515 E: ana.salazar@semca.org	Workforce Development

Throughout the duration of the grant, the Coalition will continue to seek new partners from local and state government, private consultants, and other environmental agencies with the intent to enhance the Coalition's capacity for decision-making and level of expertise.

ii. Incorporating Community Input

To ensure a timely response to project requests, the Coalition will utilize the Detroit Brownfield Redevelopment Authority's (DBRA) email listservs, Facebook page, similar social media outlets and publications that are widely read by the general public, as well as the media, in addition to the quarterly TAC meetings. When appropriate, the Coalition will invite developers to the quarterly TAC meetings to present their redevelopment projects and respond to questions. To engage the community at large, the Coalition will implement proven methods to effectively communicate the goals and opportunities of the project that include 1) the creation of newsletters through Facebook, Twitter and other social media outlets, mass email, and hard

copy; 2) the use of visual aids, presentations, and printed materials; 3) the posting of project information and updates utilizing the Coalition partner's websites; and 4) the preparation of announcements in local newspapers and list-servs. Prior to the start of assessment activities, local community notifications will be prepared to explain the scope and goals of the project, potential health concerns, and intended site specific end uses, if available.

3. Task Descriptions, Cost Estimates, and Measuring Progress

a. Description of Tasks and Activities

Grant funding will be used to investigate sites that have environmental contamination which the Coalition has identified as having a high redevelopment potential. The tasks under this grant will be managed by the Wayne County Brownfield Redevelopment Authority (WCBRA) (the lead agency and applicant) and include: 1) Work plans and Quality Assurance Project Plans (QAPP), 2) Planning and Outreach, 3) Environmental Investigations, and 4) Reporting and Closeout. The QAPP will be completed and submitted for EPA approval within 30 days of the Coalition's procurement of an environmental consultant. Planning and outreach activities will begin concurrently. Nominated projects will be evaluated for viability and prioritized by the Coalition prior to being approved for funding. Once a project is approved and the subsequent site eligibility determination has been accepted by EPA or MDEQ respectively, the environmental consultant will coordinate the obtaining of a site access agreements prior to assessment activities. Funds will not be used to prepare additional grant applications.

Task 1 – Work Plan and QAPP – The preparation of a Work Plan and Quality Assurance Project Plan (QAPP) under this task will be led by the environmental consultant with WCBRA oversight. The Coalition will provide direct input into the development of the work plan, which will comply with 40 CFR 31.36 as an in-kind service.

Task 2 – Planning and Outreach – A kick-off meeting, and subsequent quarterly meetings that includes the Coalition members, TAC, and EPA project manager will be held throughout the duration of the grant to track progress and discuss redevelopment projects in need of funding. The community engagement and involvement activities previously described are included within this task, which will be led by the environmental consultant with oversight by the Coalition.

Task 3 – Environmental Investigations - The Coalition's selected environmental consultant will primarily be responsible for conducting Phase I and II Environmental Site Assessments at sites known or suspected to be contaminated by hazardous and/or petroleum substances. Hazardous materials surveys will be conducted at sites with structures that are suspected of containing lead and/or asbestos. Preparation of brownfield plans and cleanup plans will be completed on a site-specific basis. An eligibility determination, procurement of site access, the preparation of a sampling and analysis plan for approval by the USEPA project manager (as applicable), and ACRES reporting are included under this task. The following provides a summary of the anticipated activities.

Activity	Quantity
Phase I Environmental Site Assessments (Hazardous)	15
Phase I Environmental Site Assessments (Petroleum)	10
Phase II Environmental Site Assessments (Hazardous)	13
Phase II Environmental Site Assessments (Petroleum)	5
Hazardous Materials Surveys	10
Baseline Environmental Assessments/Due Care (Hazardous and Petroleum)	15
Brownfield Plans (Hazardous and Petroleum)	2

Task 4 – Reporting and Closeout - Mandatory quarterly progress reports will be completed and submitted to EPA documenting the utilization of funds, work status and progress, difficulties encountered, accounting of financial expenditures, anticipated activities, and changes of the key personnel involved with the project as applicable. Additionally, the Coalition will report site-specific accomplishments electronically through the ACRES reporting system. A final project report that will provide measurable outputs that include the number of assessments completed, contaminants found, acres assessed, redevelopment plans underway, jobs created, and funds leveraged, which will be prepared and submitted at the end of the cooperative agreement. Other

reporting will include EPA Form 5700-52A for Minority and Women Business Entity Utilization and Federal Financial Reports SF-425. All reports will be prepared by the environmental consultant and submitted to the EPA project manager by WCBRA.

b. Cost Estimates and Outputs

The following provides a cost estimate of the tasks and activities described in the previous section.

Task 1 – Work Plan and QAPP - This task is expected to cost \$5,000 and does not include in-kind services that are provided by WCBRA.

Task 2 – Planning and Outreach – The majority of the estimate cost for this task will be for planning activities, holding quarterly TAC and Coalition meetings, public outreach activities. Estimated on a per meeting basis, the cost for this task is \$30,000 (12 meetings at \$2,500 per meeting) which covers the cost of engagement materials and environmental consultant support. An additional cost of \$10,000 for three members of the Coalition to attend the National Brownfields Conference is also included under this task.

Task 3 – Environmental Investigations – Cost estimates for each of the eligible activities under this task will be prepared by the environmental consultant and submitted to the Coalition for approval. Although these costs are expected to vary, a cost estimate for these activities based on average pricing is provided below. Please note, the total quantity for both hazardous and petroleum-based projects have been combined.

Activity	Estimated Qty.	Ave. Cost	Total Cost
Phase I Environmental Site Assessments	25	\$3,000	\$75,000
Phase II Environmental Site Assessments	18	\$15,000	\$270,000
Hazardous Materials Surveys	10	\$10,000	\$100,000
Baseline Environmental Assessments/Due Care	15	\$4,000	\$60,000
Brownfield Plans	2	\$10,000	\$20,000

Task 4 – Reporting and Closeout – This task will be completed by the environmental consultant with direct oversight from the Coalition. All reports will be reviewed and authorized by the County (the lead Coalition partner) and submitted to the EPA project manager. The estimated cost for this task will not exceed 5% of the total EPA requested funds and is estimated to be \$30,000 over the life of the grant. The following budget tables have been prepared based on the cost estimates provided above:

Hazardous Substances Budget

Budget Categories		Project Tasks				Total
		Task 1	Task 2	Task 3	Task 4	
Direct Costs	Personnel		\$10,000			\$10,000
	Fringe Benefits					
	Travel		\$10,000			\$10,000
	Equipment					
	Supplies					
	Contractual	\$5,000	\$10,000	\$390,000	\$25,000	\$430,000
	Other					
Total Direct Costs		\$5,000	\$30,000	\$390,000	\$25,000	\$450,000
Indirect Costs						\$0
Total Budget		\$5,000	\$30,000	\$390,000	\$25,000	\$450,000

Petroleum Substances Budget

Budget Categories		Project Tasks				Total
		Task 1	Task 2	Task 3	Task 4	
Direct Costs	Personnel		\$10,000			\$10,000
	Fringe Benefits					
	Travel					
	Equipment					
	Supplies					
	Contractual			\$135,000	\$5,000	\$140,000
	Other					
Total Direct Costs			\$10,000	\$135,000	\$5,000	\$150,000
Indirect Costs						\$0
Total Budget			\$10,000	\$135,000	\$5,000	\$150,000

c. Measuring Environmental Results

The Coalition will track several metrics to evaluate the intended outputs and outcomes of the grant. These metrics will help to determine if the grant is fulfilling its intended purpose, which provides the Coalition an effective tool to evaluate new funding requests. These metrics are as follows: 1) the number of brownfield sites identified, 2) the number of Phase I/II environmental site assessments conducted, 3) the number of baseline environmental site assessments and documentation of due care reports prepared, 4) the number of hazardous materials surveys conducted, 5) the number of brownfield plans prepared, and 6) the number of Coalition and TAC meetings held. The following outcomes will also be tracked to evaluate the results, effects, and consequences as a direct result of the grant: 1) the amount of funds awarded by project, 2) the total project cost, 3) the ratio of grant funds allocated to total project investment by the applicant, 4) the estimated number of temporary (construction) jobs created, 5) the estimated number or permanent jobs created or retained, 6) the estimated amount of new taxes created, and 7) the number of acres made ready for reuse. Additional site-specific outcomes may be tracked on a project by project basis (e.g. number, tanks, or cubic yards of contaminated soil removed); however, site-specific outcomes generally do not become available until after the cooperative agreement has expired.

4. Programmatic Capability and Past Performance

a. Programmatic Capability

i. Organizational Structure

Mr. Dakota Korth of the Wayne County Brownfield Redevelopment Authority (the lead agency) will serve as the point of contact and project manager on behalf of the Coalition. As such, the County will enter into a cooperative agreement with EPA to disperse grant funds and address all the financial requirements of the grant. All the Coalition members will have an active role in the decision making with regards to the site selection process, as well as assist with directing the environmental consultant.

Dakota Korth, an executive with the Wayne County Economic Development Corporation and has over 15 years of experience in the development of domestic and international public policy. As the former COO of the Halifax International Security Forum, Mr. Korth was responsible for managing over \$40 million of federal grants and public-private partnership investments. Among his many responsibilities associated with his current role, Mr. Korth manages the County's Brownfield Redevelopment and New Market Tax Credit programs, that latter of which provides over \$50 million dollars in development incentives, as well as Wayne County's Revolving Loan Fund (RLF) of \$1.2 million.

Kyle Burlison is the Executive Director for the Detroit-Wayne County Port Authority and is responsible for overseeing the Port Authority's federal, state and development finance programs. In his five years with the Port Authority, Kyle has secured and managed over \$500,000 in Port Security grants, more than \$1 million in supplemental revolving loan funds, and \$3 million in grants and loans for brownfield redevelopment. Dating back to 2004, the Port Authority has been successful at leveraging more than \$200 million in total redevelopment.

Brian Vosburg is the Brownfield Redevelopment Manager at the Detroit Economic Growth Corporation (DEGC) which staffs the Detroit Brownfield Redevelopment Authority (DBRA). His responsibilities include the review of developer requests for Brownfield Tax Increment Financing and management of the application and approval process for each Brownfield Plan. His prior success with managing multi-million-dollar redevelopment projects has given him a strong background with state and federal brownfield programs, tax increment financing programs, and a familiarity with other federal and state agencies. Under his leadership, (DBRA) administered \$245,000 of EPA funding on behalf of the City of Detroit where total of 12 projects were funded. The planned investment for these projects is estimated to be \$224 million, with the creation of 600 temporary construction jobs and 3,100 permanent jobs. Currently, Mr. Vosburg manages DBRA's portfolio of 209 Brownfield Plans in which \$1.3 billion in TIF revenue has leveraged \$9.4 billion in total real estate investment in the City of Detroit.

ii. Acquiring Additional Resources

Upon award, WCBRA (the lead agency) will initiate the selection process to procure an environmental consultant. The consultant will be selected through a competitive process from a list of qualified firms with expertise in EPA Brownfield Assessment Grants, brownfield redevelopment projects, and environmental science/engineering. These firms will be invited to provide a scope of work and competitive pricing for the project. Procurement of the preferred environmental consultant is expected to occur within the first three months of the cooperative agreement being finalized and will follow established County procurement procedures. Once an environmental consultant has been selected, the tasks under this grant request will be implemented.

b. Past Performance and Accomplishments

i. Currently Has or Previously received an EPA Brownfields Grant

1. Accomplishments

WCBRA has been awarded several EPA Brownfield Assessment and Cleanup grants, all of which have been successful. Subsequently, they've complied with all grant requirements by preparing quarterly and financial status reports and have provided updates of project accomplishments in ACRES on a timely and ongoing basis. The specific outcomes and achievements for these previous grants are described below:

FY2016 EPA Brownfield Area-wide Planning Grant (\$200,000)

Currently in progress, but on schedule to be completed in the fall of 2019. To date, WCBRA has completed all tasks on schedule and has provided quarterly project reports and interim deliverables as required.

FY2013 EPA Brownfield Assessment Grant - (\$450,000 Hazardous, \$150,000 Petroleum)

Funds were used to complete 17 Phase I and 13 Phase II Assessments, 6 Due Care Plans, 13 Hazardous Materials Surveys, and 1 Brownfield Plan. A total of 27 total projects were funded using EPA Brownfield Assessment Grant funds, which has currently generated over \$150 million in private investment and created 127 new jobs.

FY2008 EPA Brownfield Assessment Grant - (\$200,000 Hazardous, \$200,000 Petroleum)

Similar numbers of Phase Is and Phase IIs were completed as the FY2013 Assessment grant.

2. Compliance with Grant Requirements

All grant funds previously awarded to the Coalition and its members have been successfully managed and completed. The Coalition and its members were able to ensure compliance with approved work plans, schedules, and terms and conditions placed on the use of all grant funds awarded.

THRESHOLD DOCUMENTATION

1. **Applicant Eligibility:** The Wayne County Brownfield Redevelopment Authority, the Detroit Brownfield Redevelopment Authority, and the Detroit-Wayne County Port Authority, have formed the Detroit-Wayne County Brownfield Assessment Coalition to address brownfield properties throughout Wayne County and the City of Detroit. For the purposes of this grant, Wayne County is the grant applicant and lead Coalition member. Wayne County is a “general purpose unit of local government” in the State of Michigan and represent eligible local units of government under 40 CFR Part 31. The Detroit-Wayne County Port Authority is a special purpose government entity that was created by the Michigan State Legislature, and the Detroit Brownfield Redevelopment Authority was established pursuant to Michigan Public Act 381 of 1996 (Act 381), as amended. Letters of participation from each Coalition member are included in are attached. A letter of acknowledgement from the Michigan Department of Environmental Quality (MDEQ) is included as an attachment to the cover letter.
2. **Community Involvement:** The Detroit-Wayne County Brownfield Assessment Coalition has outlined how it intends to inform and involve the community and other stakeholders during the planning, implementation and assessment activities in Section 2 of the proposal narrative.
3. **Previous Assessment Grants:** The applicant does not have an active assessment grant.



Detroit Brownfield Redevelopment Authority
500 Griswold • Suite 2200
Detroit, MI 48226
Phone: 313 963-2940
Fax: 313 963-8839

January 24, 2018

Mr. Dakota Korth
Wayne County Brownfield Redevelopment Authority
500 Griswold, 28th Floor
Detroit, Michigan 48226

RE: Detroit Wayne County Brownfield Assessment Coalition
U.S. EPA Brownfield Assessment Grants – FY2019

Dear Mr. Korth,

Please accept this letter as documentation from the Detroit Brownfield Redevelopment Authority (DBRA) to continue our partnership on the Detroit-Wayne County Brownfield Assessment Coalition. Our continued collaboration with the Detroit-Wayne County Port Authority and the Wayne County Brownfield Redevelopment Authority will allow us to apply for an FY19 EPA Brownfield Assessment Grant for the maximum amount of \$600,000 to perform site assessments on sites that are potentially contaminated with hazardous substances and/or petroleum-based chemicals throughout Wayne County. Furthermore, this partnership will eliminate the need to compete against each other, leverage each other's resources, and continue to plan for brownfield redevelopment in a more regional, collaborative way.

Since 2012 the DBRA has assisted 33 developments secure \$853 million in Tax Increment Financing (TIF) which has leveraged \$3.3 billion in total investment. The developments have ranged from new industrial facilities to neighborhood mixed-use projects to major downtown developments. With Downtown Detroit's office vacancy rate falling 12 percent over the past five years, Detroit is continuing to become a new focal point of investment activity. One of the DBRA's many functions are assisting Developers with the preparation of an approved Brownfield Plan to redevelop properties that qualify as contaminated, blighted, or functionally obsolete. As such, DBRA's knowledge of the brownfield planning process in the City of Detroit, daily interaction with area developers, and familiarity with the City's brownfield sites provides a distinct advantage the Coalition to identify, prioritize, and select brownfield redevelopment projects that have the highest potential to create new jobs, increase local tax revenues, and catalyze additional development.

DBRA was established pursuant to Michigan Public Act 381 of 1996 (Act 381), as amended, to promote the revitalization of environmentally distressed and blighted areas within the boundaries of the City of Detroit, Michigan. We are pleased to be a participant in this partnership and look forward to collaborating the Detroit-Wayne County Brownfield Assessment Coalition. If you have any questions or need additional information, feel free to contact me.

Sincerely,

A handwritten signature in dark ink, appearing to read "Jennifer Kanalos", is written over the word "Sincerely,".

Jennifer Kanalos
Authorized Agent



Detroit Brownfield Redevelopment Authority
500 Griswold Street • Suite 2200
Detroit, Michigan 48226
Phone: 313 963 2940
Fax: 313 963 8839

CODE DBRA 19-01-01-209

APPROVAL OF COALITION BETWEEN THE DETROIT BROWNFIELD REDEVELOPMENT AUTHORITY, THE DETROIT/WAYNE COUNTY PORT AUTHORITY, AND WAYNE COUNTY BROWNFIELD REDEVELOPMENT AUTHORITY AND SUPPORT OF EPA BROWNFIELD ASSESSMENT GRANT APPLICATION

WHEREAS, the DBRA was created pursuant to Act 381 of the Public Acts of Michigan of 1996 ("Act 381") for the purpose of facilitating the implementation of brownfield plans and promoting the revitalization, redevelopment, and reuse of certain property, including, but not limited to, tax reverted, blighted or functionally obsolete property within the City of Detroit; and

WHEREAS, the Wayne County Brownfield Redevelopment Authority (the "WCBRA") was created pursuant to Act 381 of the Public Acts of Michigan of 1996 ("Act 381") for the purpose of facilitating the implementation of brownfield plans and promoting the revitalization, redevelopment, and reuse of certain property, including, but not limited to, tax reverted, blighted or functionally obsolete property within Wayne County; and

WHEREAS, the Detroit/Wayne County Port Authority (the "DWCPA") was created pursuant to Act 234 of the Public Acts of Michigan of 1925 ("Port Districts Act") and established as a governmental entity in 1978 under the Act 639 of 1978 MCLA 120.101 *et. seq.* ("Michigan Hertel-Law-T. Stopczynski Port Authority Act") for the purpose of improving and enhancing port facilities in Wayne County and Detroit, including the remediation of contamination; and

WHEREAS, the U.S. Environmental Protection Agency (the "EPA") has opened an application period for new applications for the Brownfield Assessment grant program with a submission date of January 31, 2019; and

WHEREAS, the WCBRA and DWCPA have significant success and experience applying for, receiving and managing EPA grants; and

WHEREAS, the WCBRA and DWCPA desire to form a coalition with the DBRA to apply for an EPA Brownfields Assessment grant in order to increase the total available funds for brownfield assessment and expand the capacity of the region's brownfield entities; and

WHEREAS, the DBRA finds that the EPA Brownfields Assessment grant program aligns with and enhances the purposes and goals of the DBRA; and

WHEREAS, the Board of Directors of DBRA has determined that proposed grant application is consistent with the powers of the DBRA, its statutory purpose, and its submission is supported by the Brownfield Redevelopment Financing Act (Act 381 of the Public Acts of Michigan of 1996, as amended).

NOW THEREFORE BE IT RESOLVED, that Board of Directors of the City of Detroit Brownfield Redevelopment Authority does hereby approve the creation of a coalition with the Wayne County Brownfield Redevelopment Authority and Detroit/Wayne County Port Authority for the purpose of the coalition applying for a U.S. Environmental Protection Agency Brownfields Assessment grant application with a January 31, 2019 published submission deadline.

BE IT FURTHER RESOLVED that the Board of Directors of the City of Detroit Brownfield Redevelopment Authority does hereby support DBRA's joint submission of a six hundred thousand dollars (\$600,000.00) U.S. Environmental Protection Agency Brownfields Assessment grant application as a coalition with the Wayne County Brownfield Redevelopment Authority and Detroit/Wayne County Port Authority.

January 23, 2019



DETROIT/WAYNE COUNTY PORT AUTHORITY

January 7, 2019

Mr. Dakota Korth
Wayne County Brownfield Redevelopment Authority
500 Griswold, 28th Floor
Detroit, Michigan 48226

RE: Detroit-Wayne County Brownfield Assessment Coalition
U.S. EPA Brownfield Assessment Grants – FY 2019

Dear Mr. Korth:

Please accept this letter as commitment from the Detroit-Wayne County Port Authority (DWCPA) as documentation of our intention to continue our participation as a member of the Detroit-Wayne County Brownfield Assessment Coalition. Together, with the Wayne County Brownfield Redevelopment Authority and the City of Detroit Brownfield Redevelopment Authority, we are able to apply for an FY19 EPA Brownfield Assessment Grant for the maximum amount of \$600,000 to perform site assessments on sites that are potentially contaminated with hazardous substances and/or petroleum-based chemicals throughout Wayne County.

DWCPA's knowledge of the region's port capacity and projected demand for cargo transportation associated with the construction of the Gordie Howe International Bridge will provide an exceptional advantage to the Coalition. With private investment already preparing to expand operations in the area, the DWCPA will be able to advise the Coalition on the identification of several area brownfields that have a high potential to be redeveloped for warehousing and storage space. Furthermore, by maintaining this partnership, we eliminate the need to compete against each other, can leverage each other's resources, and continue to plan for brownfield redevelopment in a more regional, collaborative way.

The Detroit-Wayne County Port Authority is a special-purpose government entity created by the Michigan State Legislature and is therefore considered an eligible entity for this grant. We are pleased to continue this partnership and look forward to future collaboration with the City of Detroit Brownfield Redevelopment Authority and the Detroit-Wayne County Brownfield Redevelopment Authority. If you have any questions or need additional information, feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Kyle Burleson", is written over a horizontal line.

Kyle Burleson
Executive Director
Detroit-Wayne County Port Authority



Application for Federal Assistance SF-424

* 1. Type of Submission:

- ☐ Preapplication
☒ Application
☐ Changed/Corrected Application

* 2. Type of Application:

- ☒ New
☐ Continuation
☐ Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received:

01/31/2019

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Wayne County Brownfield Redevelopment Authority

* b. Employer/Taxpayer Identification Number (EIN/TIN):

* c. Organizational DUNS:

0731348840000

d. Address:

* Street1: 500 Griswold Street

Street2: 28th Floor

* City: Detroit

County/Parish: Wayne

* State: MI: Michigan

Province:

* Country: USA: UNITED STATES

* Zip / Postal Code: 48226-3480

e. Organizational Unit:

Department Name:

Economic Development Corp.

Division Name:

Economic Development Corp.

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:

Mr.

* First Name:

Khalil

Middle Name:

* Last Name:

Rahal

Suffix:

Title: Executive Director

Organizational Affiliation:

Wayne County Economic Development Corporation

* Telephone Number: 313-967-1039

Fax Number: 313-224-8458

* Email: kraham@waynecounty.com

Application for Federal Assistance SF-424

* 9. Type of Applicant 1: Select Applicant Type:

B: County Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

* 10. Name of Federal Agency:

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.818

CFDA Title:

Brownfields Assessment and Cleanup Cooperative Agreements

* 12. Funding Opportunity Number:

EPA-OLEM-OBLR-18-06

* Title:

FY19 GUIDELINES FOR BROWNFIELDS ASSESSMENT GRANTS

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment

Delete Attachment

View Attachment

* 15. Descriptive Title of Applicant's Project:

Application for FY19 Brownfield Assessment Grant
Detroit -Wayne County Brownfield Assessment Coalition

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

Application for Federal Assistance SF-424**16. Congressional Districts Of:*** a. Applicant * b. Program/Project

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment

Delete Attachment

View Attachment

17. Proposed Project:* a. Start Date: * b. End Date: **18. Estimated Funding (\$):**

* a. Federal	<input type="text" value="600,000.00"/>
* b. Applicant	<input type="text" value="0.00"/>
* c. State	<input type="text" value="0.00"/>
* d. Local	<input type="text" value="0.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="600,000.00"/>

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

- ☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .
- ☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- ☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment

Delete Attachment

View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name:

Middle Name:

* Last Name:

Suffix:

* Title: * Telephone Number: Fax Number: * Email: * Signature of Authorized Representative: * Date Signed: